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Form PTO-948 (Rev. 06/03)
Application No. 10/618,487U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 6-1-04 are:

A. approved by the Draftsperson under 37 CFR 1.84 or 1.152.
 B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

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| 1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required). | 8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i) — Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____ |
| — Color drawings are not acceptable until petition is granted. Fig(s) _____ | — Pencil and non black ink not permitted. Fig(s) _____ 9. SCALE. 37 CFR 1.84(k) — Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____ |
| 2. PHOTOGRAPHS. 37 CFR 1.84(b) — One (1) full-tone set is required. Fig(s) _____ | — Photographs may not be mounted. 37 CFR 1.84(e) — Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) _____ |
| — Poor quality (half-tone). Fig(s) _____ | 10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l) — Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) <u>3, 4</u> |
| 3. TYPE OF PAPER. 37 CFR 1.84(c) — Paper not flexible, strong, white, and durable. Fig(s) _____ | 11. SHADING. 37 CFR 1.84(m) — Solid black areas pale. Fig(s) _____ |
| — Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____ | — Solid black shading not permitted. Fig(s) _____ |
| 4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: — 21.0 cm by 27.0 cm (DIN size A4) or | 12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p) — Numbers and reference characters not plain and legible. Fig(s) <u>1, 4</u> |
| — 21.6 cm by 29.5 cm (8 1/2 x 11 inches) | — Figure legends are poor. Fig(s) <u>3, 4</u> — Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) |
| — All drawing sheets not the same size. Sheet(s) _____ | — English alphabet not used. 37 CFR 1.84(p)(2) — Fig(s) _____ |
| — Drawing sheets not an acceptable size. Fig(s) _____ | — Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) _____ |
| 5. MARGIN. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm | 13. LEAD LINES. 37 CFR 1.84(q) — Lead lines missing. Fig(s) _____ |
| — Margins not acceptable. Fig(s) _____ | 14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t) — Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) _____ |
| — Top (T) Left (L) | 15. NUMBERING OF VIEWS. 37 CFR 1.84(u) — Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____ |
| — Right (R) Bottom (B) | 16. DESIGN DRAWINGS. 37 CFR 1.152 — Surface shading shown not appropriate. Fig(s) _____ |
| 6. VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification at the Brief Description of the Drawings, must likewise be changed. | — Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) _____ |
| — Views not labeled separately or properly. Fig(s) _____ | |
| 7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3) — Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____ | |

COMMENT: _____

Reviewer C443C
If you have questions, call (703) 305-8404.Date 6-9-04
Attachment to Paper No. 20040608